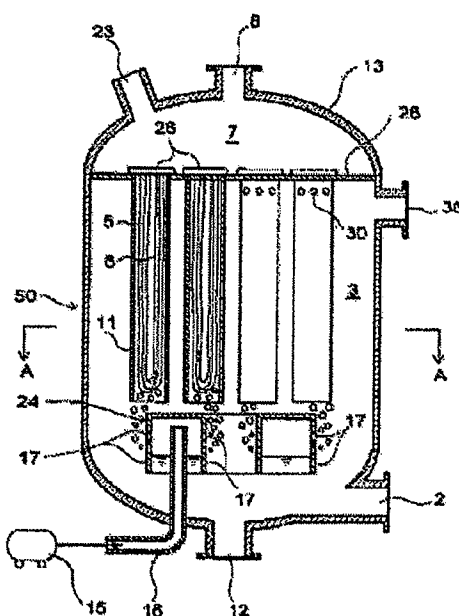


GAS-LIQUID SEPARATOR**Publication number:** JP10024222**Publication date:** 1998-01-27**Inventor:** YOSHIKAWA SHINICHI; OKUMA NAOKI; OKUNO YUTAKA**Applicant:** HITACHI PLANT ENG & CONSTR CO**Classification:****- International:** B01D63/04; B01D65/02; C02F1/44; B01D63/04; B01D65/00; C02F1/44; (IPC1-7): B01D63/04; B01D65/02; C02F1/44**- European:****Application number:** JP19960183304 19960712**Priority number(s):** JP19960183304 19960712

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Abstract of JP10024222

PROBLEM TO BE SOLVED: To provide a gas-liquid separator having an air jetting device for uniformly jetting air on air scrubbing washing and of high strength against air pressure by simple structure. **SOLUTION:** Below hollow fiber membrane elements 6 in a filter chamber 3, an air jetting device 24 for air scrubbing washing of the hollow fiber membrane elements 6 is disposed. The air jetting device 24 is formed into a hollow annular body whose upper surface is closed and also whose lower surface is opened, and an air diffuser of an air inflow pipe 16 connected to an air compressor 15 is disposed inside the air jetting device 24. And in the outer peripheral surface and the inner peripheral surface of the air jetting device 24, a plurality of small hole-shaped air jetting ports 17 are made at prescribed intervals respectively, and are set so that the positions at which the air jetting ports 17 are formed may coincide with positions of the centers of the membrane protecting pipes 11.



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